04/28/2006

IAP12 Rec'd PCT/PTO 28 APR 2006

FORM PTO 1449 (modified)			ATTY DOCKET NO. 00862.103495	4 9 And Sw7 7 320 Unassigned		
LIS	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TOF REFERENCES CITED BY APPLICA	NT(S)	APPLICANT NOBUYUKI HIRAYAMA			
(Use several sheets if necessary) Submitted to the PTO:April 28, 2006			FILING DATE April 28, 2006 (Concurrently Herewith) GROUP Unassigned 286		· /*	
			U.S. PATENT DOCUMENTS			
		T	,			 -
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/H.L./	5,163,760	11/1992	Nardozzi			
/H.L./	5,627,732	05/1997	Loh et al.	ļ		
/H.L./	5,671,002	09/1997	Murano			
/H.L./	5,952,884	09/1999	Ide			
/H.L./	2003/0038617 A1	02/2003	Yaklin			•
/H.L./	2005/0206685 A1	09/2005	Hirayama			
/H.L./	2005/0212857 A1	09/2005	Hirayama			
		FC	REIGN PATENT DOCUMENTS	<u>.</u>	1	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
/H.L	/ JP 3-208656	09/1991	Japan			Abstract
/H.L./	EP 0 684 537	11/1995	EPO			In English
/H.L./	JP 8-51322	02/1996	Japan			Abstract*
/H.L./	JP 11-42809	02/1999	Japan			Abstract
——/H.L./	JP 11-234060	08/1999	Japan		,	Abstract*
/H.L./	JP 2000-246900	09/2000	Japan			Abstract
/H.L./	JP 2001-191531	07/2001	Japan			Abstract
/H.L./	EP 1 164 013	12/2001	EPO			In English
/H.L./	JP 2003-58264	02/2003	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
	*Note: Counterpart U.S. patent also cited (see text of IDS)					
EXAMINER	/Henok Leges		DATE CONSIDERED 08/06/2	2007		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form						

with next communication to applicant. Sheet _1 of _1

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07/20/2006

FORM PTO 1449 (modified)			ATTY DOCKET NO. 00862.103495	1	APPLICATION NO. 10/577,320		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT NOBUYUKI HIRAYAMA			
(Use several sheets if necessary) Submitted to the PTO: July 20, 2006			FILING DATE April 28, 2006		GROUP 2861 Unassigned		
				U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	· NAME	CLAS	S SUBCLASS	FILING DATE IF APPROPRIATE
/H.L./		5,163,760	11/17/1992	Nardozzi			
/H.L./		5,671,002	09/23/1997	Murano			
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			<u></u>	FOREIGN PATENT DOCUMENTS			
		DOCUMENT NUMBER	DATE	COUNTRY	CLAS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
' /H.L./		5-270052	10/19/1993	Japan			Abstract & counterpart U.S. patent cited
/H.L./		5-330119	12/14/1993	Japan			Abstract & counterpart U.S. patent cited
	_						
		OT	HER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)			•
EXAMINER		/Henok Legesse/ Date considered 08/06/2007					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this							

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08/04/2006

Application No. 10/577,320
Attorney Docket No. 00862.103495
Filing Date: April 28, 2006
Applicant: Nobuyuki Hirayama
GAU: Unassigned
Date Submitted to PTO: August 4, 2006

INFORMATION DISCLOSURE STATEMENT

Examiner's Initials	<u>Document</u>
/H.L./	English-language translation of Japanese Office Action dated May 15, 2006 issued in Japanese Patent Application No. 2002-348724 (corresponding to U.S. Patent Application No. 11/134,416)
/Henok Legesse/	08/07/2007

09/29/2006

FORM PTO 1449 (modified)			ATTY DOCKET NO. 00862.103495	APPLICATION NO. 10/577,320		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT NOBUYUKI HIRAYAMA			
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			FILING DATE April 28, 2006		GROUP ,	2 <i>861</i> 2 833
	Submitted: September 29, 200					
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	U.S. PATENT DOCUMENTS NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/H.L./	2005/0264608 A1	12/2005	Hirayama			
/H.L./	2005/0264613 A1	12/2005	Hirayama			
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
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< 1	ОТН	ER DOCUMENT(S)	(Including Author, Title, Date, Pertinent Pages, Etc.)			,
EXAMINER	/Henok L		DATE CONSIDERED	08/06/2		

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DWP/klm

09/29/2006

Application Group
Number Inventor(s) Filing Date Art Unit Status

/H.L./ 11/449,702 Ryo Kasai June 9, 2006 2627 Pending
Tatsuo Furukawa
Masataka Sakurai

/Henok Legesse/

08/07/2007

Nobuyuki Hirayama

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits has not yet been issued in the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

Attorney for Applicant

Douglas W. Pinsky

Registration No. 46,994

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 Facsimile: (212) 218-2200

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01/09/2007

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE			ATTY DOCKET NO. 00862.103495	APPLICA	APPLICATION NO. 10/577,320	
PATENT AND TRADEMARK OFFICE			APPLICANT NOBUYUKI HIRAYAMA			
LIST	OF REFERENCES CITED BY APPLIC. (Use several sheets if necessary) Submitted: January 9, 2007	FILING DATE April 28, 2006		GROUP ,	2 <i>861</i> 2 853	
	Submitted: January 3, 2007		U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IP APPROPRIATE
/H.L./	6,400,349	06/2002	Nagumo			
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	FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
/H.L./	2871779 (B2)	01/1999	Japan			Abstract
/H.L./	11-291550 (A)	10/1999	Japan			Abstract & U.S. counterpart
/H.L./	2001-1513 (A)	01/2001	Japan			Abstract
						,
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER	EXAMINER /Henok Legesse/ DATE CONSIDERED 08/06/2007					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

Sheet 1 of 1

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02/05/2007

Application No. 10/577,320 Attorney Docket No. 00862.103495 Filing Date: April 28, 2006

Applicants: Nobuyuki Hirayama

GAU: 2853286/

Date Submitted to PTO: February 5, 2007

INFORMATION DISCLOSURE STATEMENT

Examiner's Initials	Document
/H.L./	English-language translation of Korean Office Action issued September 15, 2006 in related Korean patent application no. 2005-7009612
/H.L./	English-language translation of Japanese Office Action issued September 25, 2006 in related Japanese patent application no. 2002-348724
/H.L./	English-language translation of Japanese Office Action issued September 25, 2006 in related Japanese patent application no. 2002-348725
/H.L./	Korean Office Action issued September 15, 2006 in related Korean patent application no. 2005-7009613 and English translation
/Henok Legesse/	08/07/2007